

Recombinant Human STIP1, His-tagged

Cat. No. STIP1-31467TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human STIP1 fused to a His-tag at the N-terminus; amino acids 1-543 , MWt 64.8kDa.
Species	Human
Source	E.coli
ProteinLength	1-543 a.a.
Description	STIP1 is an adaptor protein that coordinates the functions of HSP70 (see HSPA1A; MIM 140550) and HSP90 (see HSP90AA1; MIM 140571) in protein folding. It is thought to assist in the transfer of proteins from HSP70 to HSP90 by binding both HSP90 and substrate-bound HSP70.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequence Similarities	Contains 2 STI1 domains.Contains 9 TPR repeats.
Full Length	Full L.
GENE INFORMATION	
Gene Name	STIP1 stress-induced-phosphoprotein 1 [Homo sapiens]
Official Symbol	STIP1
Synonyms	STIP1; stress-induced-phosphoprotein 1; HOP; Hsp70/Hsp90 organizing protein; STI1;
Gene ID	10963
mRNA Refseq	NM_006819
Protein Refseq	NP_006810
MIM	605063
Uniprot ID	P31948
Chromosome Location	11q13
Pathway	Axon guidance, organism-specific biosystem; CHL1 interactions, organism-specific biosystem; Developmental Biology, organism-specific biosystem; L1CAM interactions, organism-specific biosystem; Prion diseases, organism-specific biosystem;
Function	Hsp70 protein binding; binding; chaperone binding; protein C-terminus binding;

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